

## CLAIMS

I claim:

1. A date formatting system comprising:

a computer readable memory storage medium, said medium storing a plurality of date files, each said date file having 6 integers and comprising:

a 4 digit decimal year represented in a first three integer form, the last two of said first three said integers representing the last two digits of the 4 digit decimal year, the first of said first three said integers representing a designated century; and

a 3 digit decimal day represented in a second three integer form, said second three integers representing a day of a year;

whereupon addition to or subtraction of at least two of said plurality of date files, the respective sums and differences can be computed and maintained after year 1999; and

a central processing unit for carrying out said addition and said subtraction operations.

2. The date formatting system of claim 1 wherein said first of said first three said integers representing a designated century are selected from the group ranging from 1 through 9, and wherein:

The integer 1 represents the 19th Century;

The integer 2 represents the 20th Century;

The integer 3 represents the 21st Century;

The integer 4 represents the 22nd Century;

The integer 5 represents the 23rd Century;

The integer 6 represents the 24th Century;

The integer 7 represents the 25th Century;

The integer 8 represents the 26th Century; and

The integer 9 represents the 27th Century.

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3. A date formatting system comprising:

a computer readable memory storage medium, said medium storing a plurality of date files, each said date file having 7 integers and comprising:

a 4 digit decimal year represented in first four said integers; and

a 3 digit decimal day represented in last three said integers, said second three integers representing a day of a year;

whereupon addition to or subtraction of at least two of said plurality of date files, the respective sums and differences can be computed and maintained after year 1999; and

a central processing unit for carrying out said addition and said subtraction operations.

4. A series of operational steps to be performed on or with the aid of a computer, said steps comprising:

providing a computer-readable storage medium storing a plurality of date files, each said date file having 6 integers and comprising:

a 4 digit decimal year represented in a first three integer form, the last two of said first three said integers representing the last two digits of the 4 digit decimal year, the first of said first three said integers representing a designated century; and

a 3 digit decimal day represented in a second three integer form, said second three integers representing a day of a year;

adding said integers of one of said plurality of files to another of said plurality of files to generate a sum, and optionally;

whenever necessary, adding 635 to said sum; and

providing a central processing unit to carry out said adding of said integers.

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